CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/VW/W.No.15/2021-22

Date: 25.04.2022

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Contractor : **Sri. Vishwanatha ,** Contractor, Bangalore.

Name of Work : Improvements of CC drains covering Slab in Krishnegowda Layout Cross Roads in Dasarahalli ward no 15

No.of Sample Tested : 03

Date of Testing : 25.04.2022

Techinical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	84.00	0.385	2334.27	1.68	0.965	33.40	17.01	18.37	17.74	22.17
2	50.00	86.00	0.398	2356.97	1.72	0.970	34.20	17.42	18.81	18.24	22.80
3	50.00	88.00	0.405	2343.92	1.76	0.974	34.90	17.77	19.20	18.70	23.37

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported reported within 30 days from the date of testing.

ಪಶಾಯಿ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಡಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಕೆ.ವಿ.ಕೆ
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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory